

Figure 1: User - Relationship Diagram

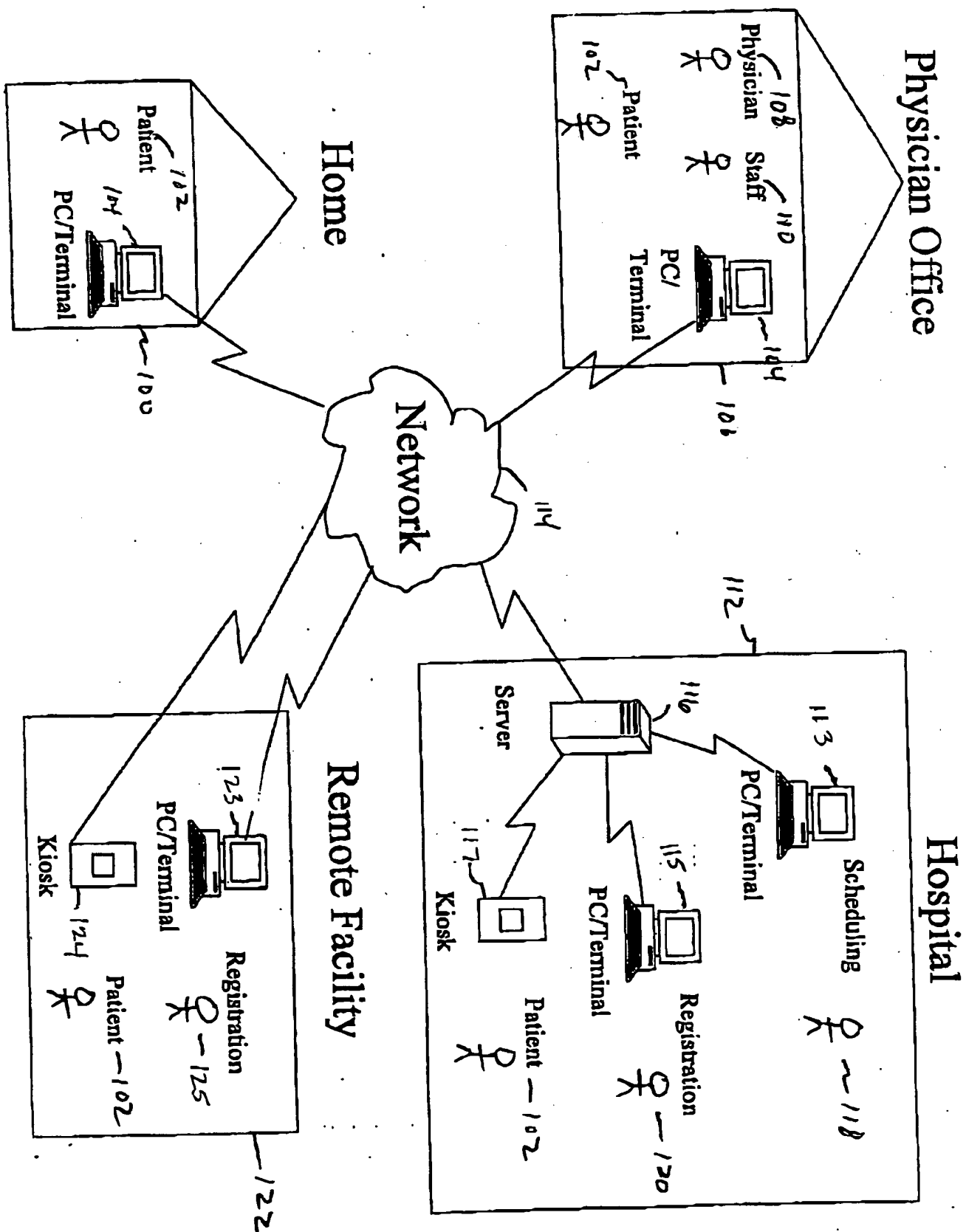
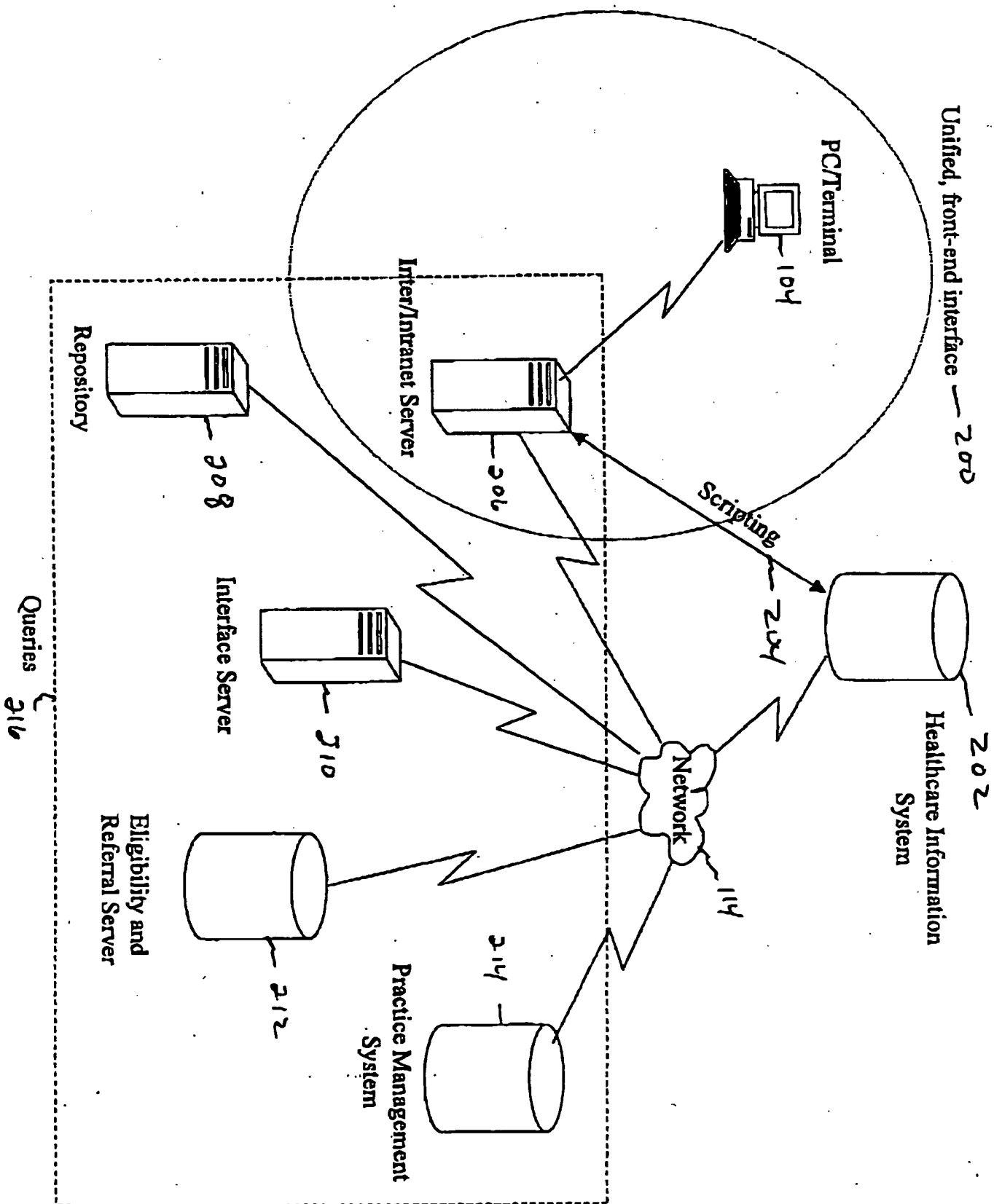


Figure 2: System Architecture



The diagram illustrates the OPSI (Office Practice Support Interface) system architecture. At the center is a circle labeled "OPSI" with a bracketed "300" below it. Surrounding this central hub are several rectangular boxes representing different entities or data stores, with arrows indicating the flow of information between them.

- Medical Necessity (302):** Connected to OPSI via "Patient Information - 306" and "Medical Necessity Determination - 304".
- Scheduling (330):** Connected to OPSI via "Patient Information - 306", "Requested Dates - 308", "Appointment - 310", "Ordering Physician - 312", and "Patient Instructions - 314".
- Patient (344):** Connected to OPSI via "Insurance Information - 316", "Appointment - 310", "Scheduling Request - 312", "Patient Instructions - 314", and "Patient Information - 310".
- Physician (342):** Connected to OPSI via "Ordering Instructions - 312", "Patient Instructions - 314", "Patient Information - 306", "Physician Signature - 314", "Appointment - 310", "Insurance Information - 316", "Procedure Results - 318", and "Medical Necessity Determination - 304".
- 3rd Party Payor(s) (312):** Connected to OPSI via "Patient Information - 316" and "Insurance Information - 316".
- Results (324):** Connected to OPSI via "Ordering Physician - 314", "Patient ID - 318", "Procedure Results - 318", "Patient Information - 310", and "Registration Status - 314".
- Registration/Order Entry (326):** Connected to OPSI via "Registration Status - 314" and "Patient Information - 310".
- Patient Records (322):** Connected to OPSI via "EMPI Activity - 322" and "Patient ID Matches - 320".
- Hospital Users (340):** Connected to OPSI via "Medical Necessity Determination - 304", "Event Status - 336", "Insurance Information - 302", "Appointment - 310", and "Physician Signature - 304".

The OPSI system acts as a central hub, facilitating the exchange of information between these various medical entities and data stores.

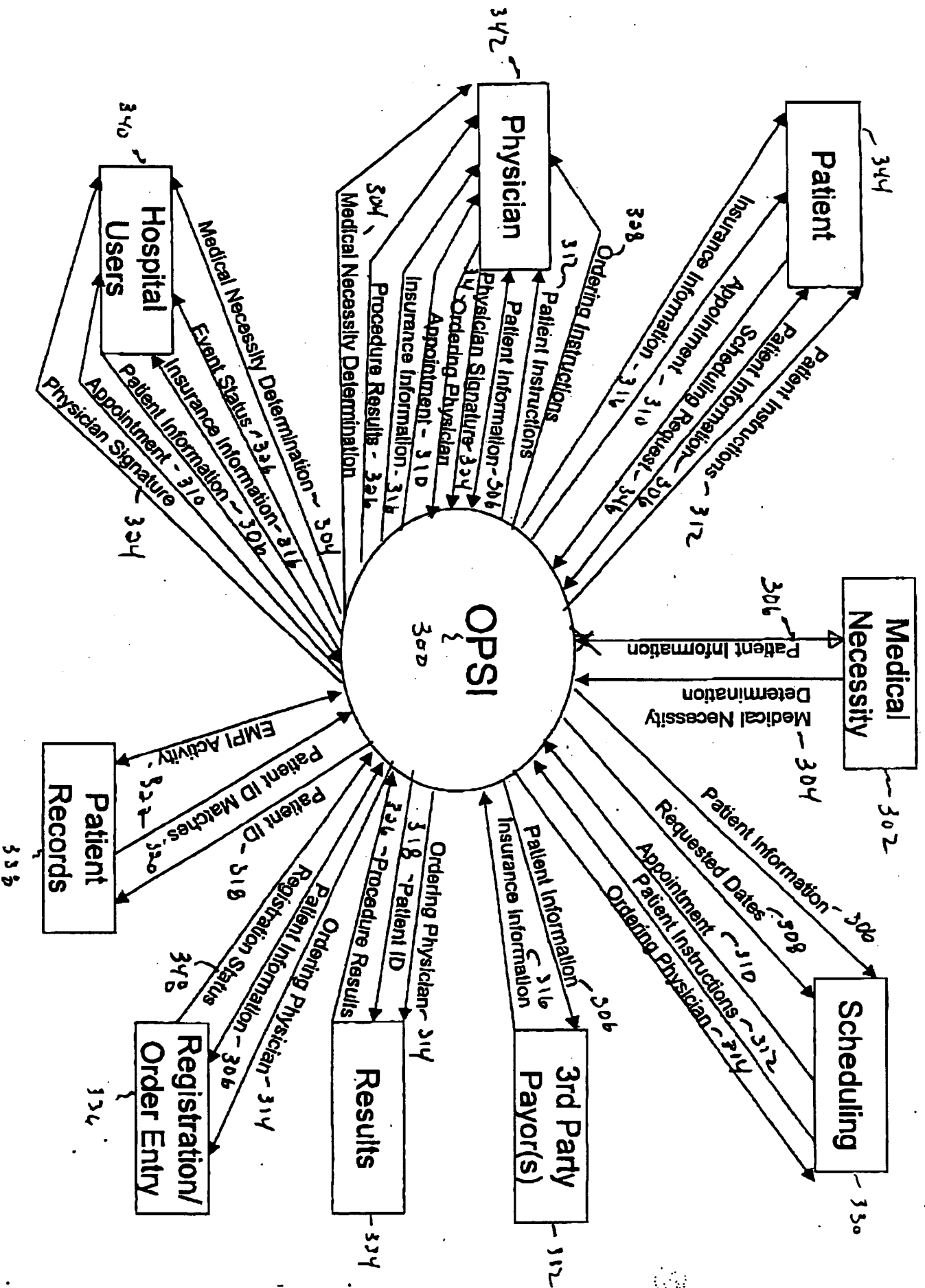


Figure 4: Medical Necessity Testing

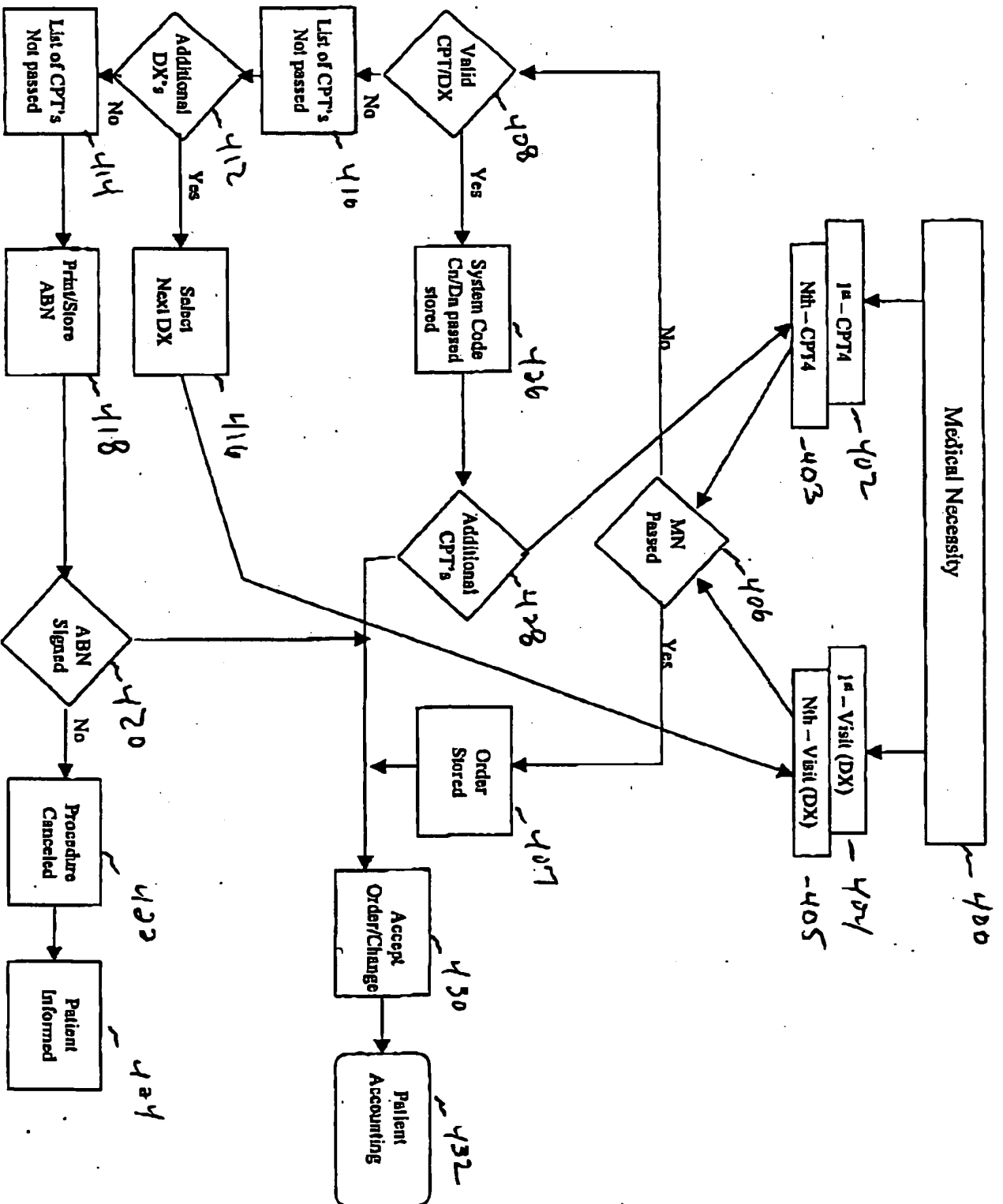


Figure 5A

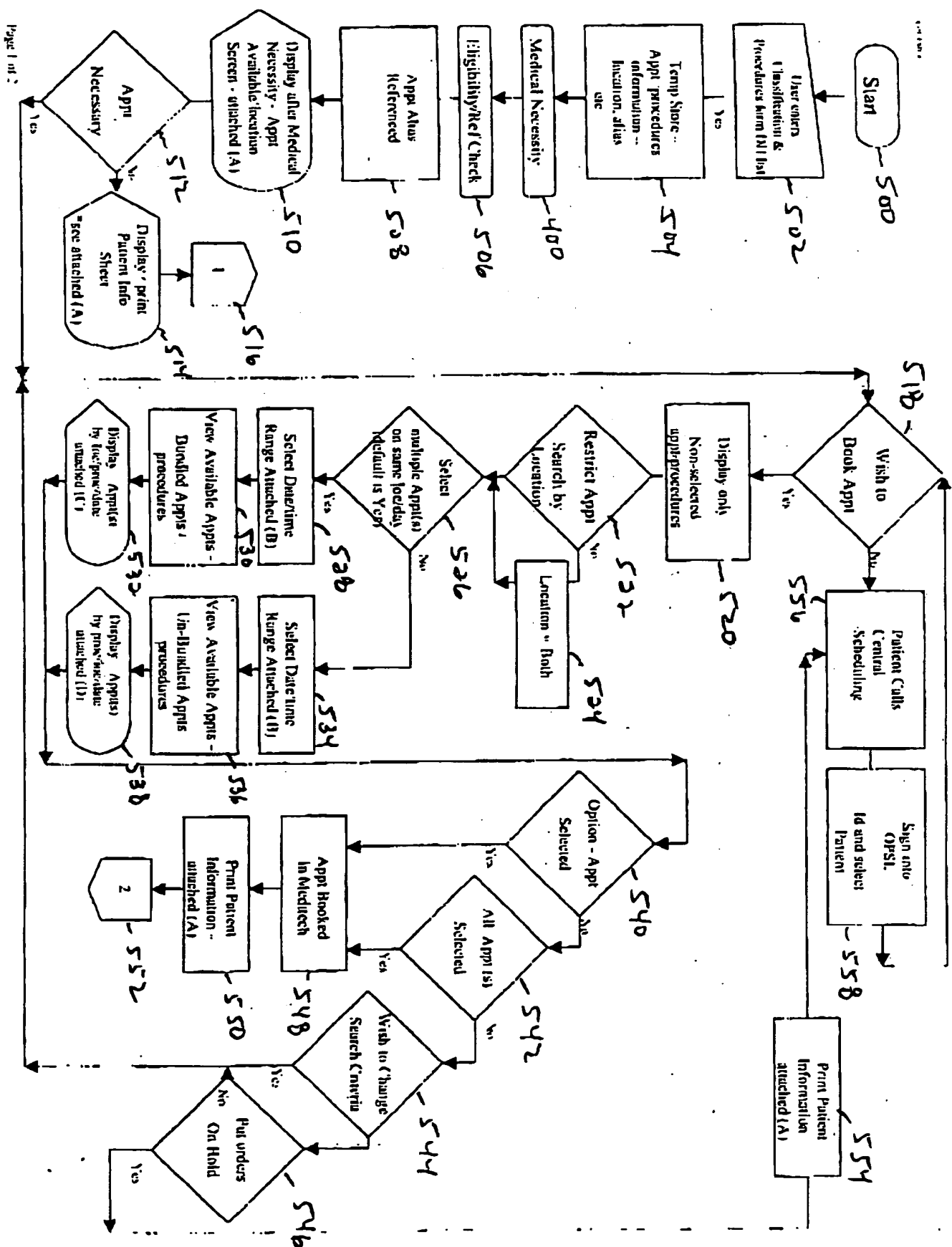


Figure 5B

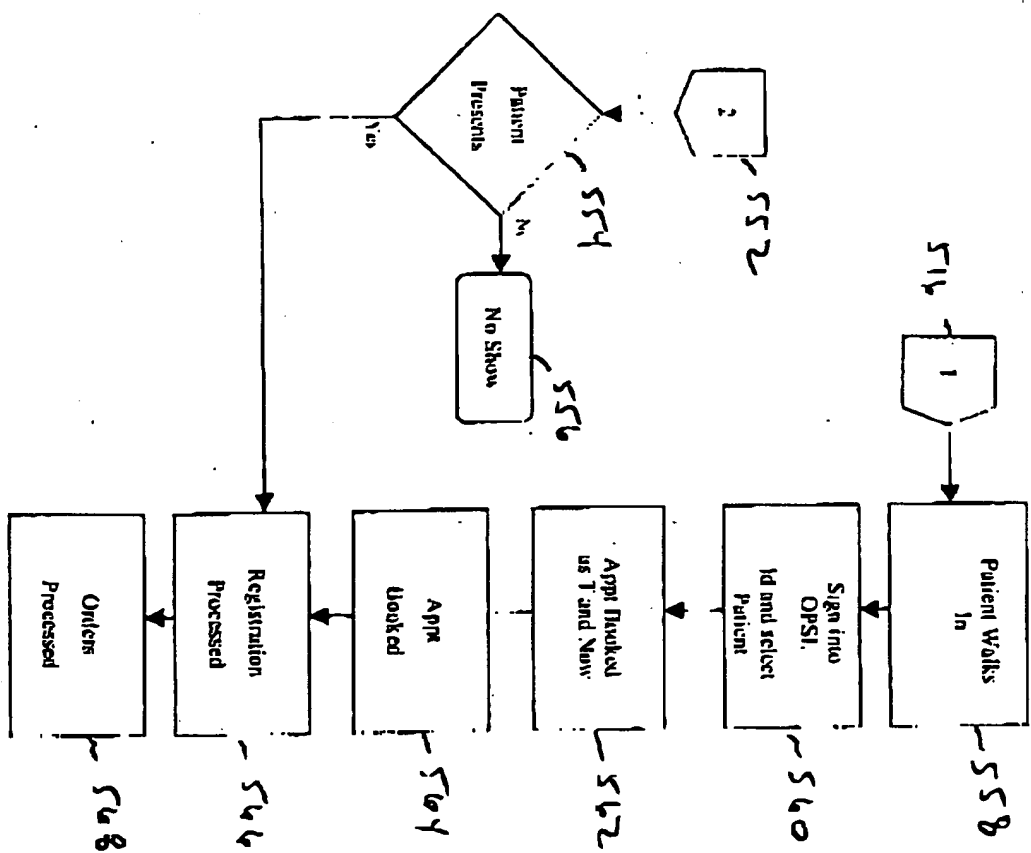


Figure 6

# List OPSI CPT Crosswalk

Class	Diap	Perd	Appt	Category	Location	Provider Loc #	OE Procedure	Appt Type	Alias	Appt Req'd	CPT-4
CARD	N	N		CARD	DH	1424	HMR			Y	93225
CARD	N	N		CARD	DH	1424	SCANNING			Y	93228
CARD	Y	N		CARD	DH	1424	ECHOWCON	CSECHO	CS ECHO	Y	A9700
CT	Y	N		HWCT	HW	1424	HWO	HW CTHWO	CT HEAD	Y	70450
CT	Y	N		HWCT	HW	1424	HWO	HW CTHWO	CT HEAD W	Y	70460
ECG	Y	N		ECG	DH	1424	ECG	CSECG	ECG	N	83005
ECG	Y	N		ECG	HW	1424	RHYTHM			Y	93014
LAB	Y	N		MIC	HW	1424		HW LAB	LAB	N	87046

602 604 606 608 610 612 614 616 508 512 402

## Representative Computer

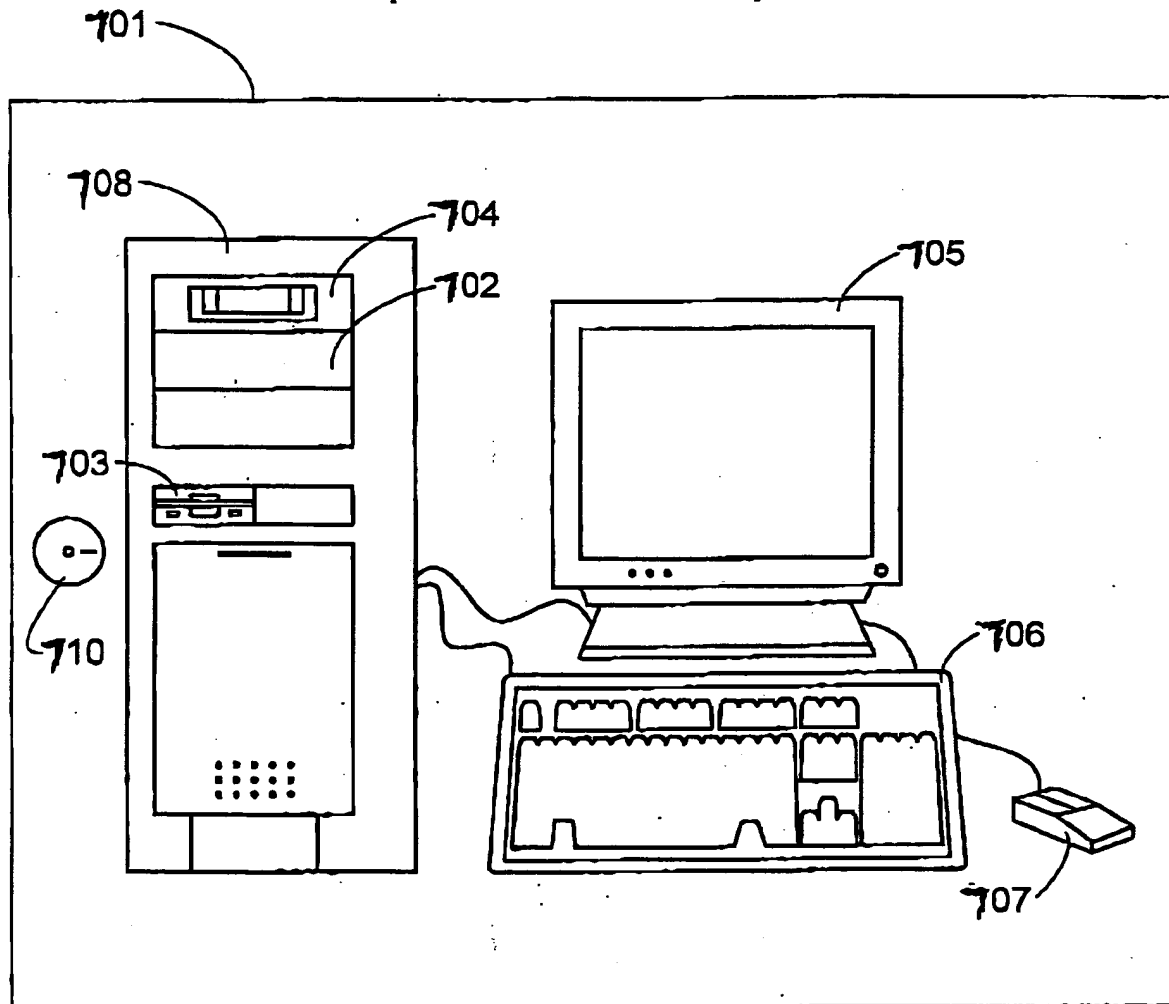


FIG. 7



## Computer System Internal Diagram

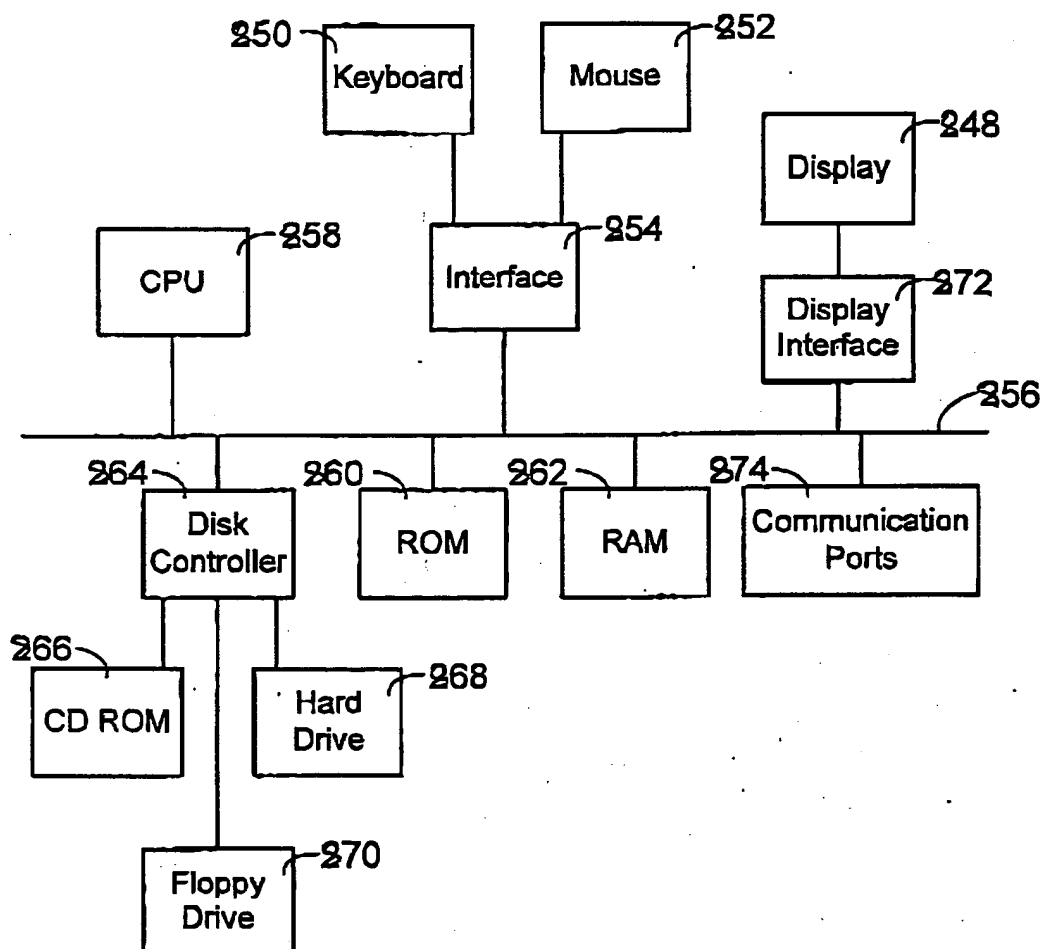


FIG. 8